



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 11] नई दिल्ली, शनिवार, मार्च 12, 1977 (फाल्गुन 21, 1898)
No. 11] NEW DELHI, SATURDAY, MARCH 12, 1977 (PHALGUNA 21, 1898)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह असंग संकलन के रूप में रखा जा सके ।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 12th March 1977

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

3rd February 1977.

157/Cal/77. Bharat Heavy Electricals Ltd. An instrument for the measurement of temperatures.

158/Cal/77. Bharat Heavy Electricals Ltd. A velometer.

159/Cal/77. N. Lundbergs Fabriks AB. Joint for tube elements.

160/Cal/77. N. V. Philips' Gloeilampenfabrieken. Method of producing a low-pressure gas discharge lamp.

161/Cal/77. Shell Internationale Research Maatschappij B.V. Preparation of meta-aryloxy-benzaldehydes. (February 5, 1976).

162/Cal/77. P. Bruce. Link chain. (February 4, 1976).

163/Cal/77. Kabel-Und Metallwerke Gutshoffnungshutte Aktiengesellschaft. Continuous production of composite wires having an aluminium (alloy) core and a copper sheath. [Addition to No. 374/Cal/74].

5th February 1977.

164/Cal/77. Shri Sunit Kumar Mukherjee. Improvements in or relating to dehydration in a continuous fluidised bed drier.

165/Cal/77. Societe Des Etablissements Hugonnet. Cistern container. (January 20, 1977).

166/Cal/77. Dipta Shyamal Mallick. Localised heat treatment.

167/Cal/77. Dipta Shyamal Mallick. Manufacture of circular cutting blades for cutting stocks in hot conditions.

168/Cal/77. Plasmesco AG. Improved process of increasing the intravenous compatibility of gamma globulins. [Addition to No. 2413/Cal/75].

169/Cal/77. Linde Aktiengesellschaft. Reduction of sulfur concentration in physical scrubbing agents.

170/Cal/77. Dipak Guha and Jagdish Mondal. The reduction of ash content in coking coals using electrostatic and high tension techniques.

7th February 1977.

171/Cal/77. Sri Monoranjan Sircar, M. M. W. (Multi script mini mechanical writer).

172/Cal/77. Ranjan Kumar Mukherjee and Dr. Uffulla Mukhopadhyay. Improvements in or relating to control of jute silver grist in a jute breaker card.

173/Cal/77. Kao Soap Co. Ltd. A composition for inhibiting tobacco axillary buds.

174/Cal/77. British Steel Corporation. Improvements in or relating to hover furnaces. (February 17, 1976).

175/Cal/77. Indian Jute Industries' Research Association. Improvements in or relating to process for softening and lubrication of jute fibres.

176/Cal/77. American Home Products Corporation. Oxalic acid derivatives. (February 23, 1976).

8th February 1977.

177/Cal/77. The Lubrizol Corporation. Lubricating compositions and methods utilizing hydroxy thioethers.

178/Cal/77. The Quaker Oats Company. Monomeric furfuryl alcohol-resorcinol foundry binders.

179/Cal/77. UOP Inc. Novel composition of matter.

180/Cal/77. La Verne Shafer. Additive for stimulation of metabolic and reproduction activity of microbes and plant cells.

9th February 1977.

181/Cal/77. Dr. B. N. Banerjee. Thermal insecticide fogging machine—intended for space fogging for direct knock-down of adult mosquitoes.

182/Cal/77. Dr. B. N. Banerjee. Thermal insecticide fogging machine—intended for space fogging for direct knock-down of adult mosquitoes.

183/Cal/77. UOP Inc. Catalyst and method of manufacture and use thereof.

184/Cal/77. Societe D'Etudes DE Machines Thermiques S.E.M.T. Improvements in or relating to a device for damping pressure waves in an internal combustion engine fuel injection system.

185/Cal/77. R. K. Stont. Concrete form for casting-in-place a concrete structure.

186/Cal/77. Allen & Hanburys Limited. Device for dispensing medicaments. (February 11, 1976).

187/Cal/77. Warner-London, Inc. Process for depositing protective coatings and article produced. (October 8, 1976).

188/Cal/77. Fierro Esponja, S. A. Method and apparatus for determining percentage reduction in reduction reactor in iron ore reduction.

189/Cal/77. Ceskoslovenska Akademie Ved. Method for automatic discharging a thickened fraction from a centrifuge rotor and arrangement for execution of this method.

APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

22nd January 1977.

15/Del/77. Raj & Sons. Pummy starch polymix.

24th January 1977.

16/Del/77. Instrumentation Limited. Solenoid valve.

27th January 1977.

17/Del/77. Unisystems Private Limited. Containers.

18/Del/77. K. Pershad, D. Gupta and R. Gupta. Flap type/San Luis type pressure relief valves (used in under-drainage of lined canals) using mouldings of non-recyclable and hence non pilferage thermosetting polymers, identified as unsaturated polyester, with fibreglass reinforcement, for adequate strength, in form 'Dough Moulding Compound' for cheapest formulation and minimum moulding time, for the exposed main plate of the said valve for all sizes.

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

24th January 1977.

37/Bom/77. M. S. Godbole. Solar energy prime mover.

25th January, 1977.

38/Bom/77. R. R. Pardasani. Improvement in or relating to dead front fuse holders.

39/Bom/77. Shri M. R. Sathe and Mrs. Lata M. Sathe. Improvement in/or related to measuring instruments.

27th January 1977.

40/Bom/77. Sigma Engineers & Suppliers. Novel pallet for storage or transportation of material.

28th January 1977.

41/Bom/77. Mrs. Mandakini Basavaraj Biradar. A novel electrostatic precipitator-cum-air filter.

42/Bom/77. N. P. Gadgil. A closure cap.

43/Bom/77. Vitorino Manuel Rosario DE Miranda. Improvements in or relating to electric showers.

29th January 1977.

44/Bom/77. S. P. Sharma. Quick change drill chuck.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

31st January 1977.

26/Mas/77. Dr. J. Thaikattil. Improvements in or relating to electric stoves.

2nd February 1977

27/Mas/77. Wheels India Limited. Improvements in methods and apparatus for manufacturing wheel rims for road vehicles.

28/Mas/77. Wheels India Limited. Improvements in methods and apparatus for manufacturing wheel rims for road vehicles.

5th February 1977.

29/Mas/77. C. A. Raja. Staple remover with clip-cum-punching device.

30/Mas/77. E. P. Madhavan Nair. New design of foot operated pump.

31/Mas/77. Indian Institute of Technology. A pin diode.

32/Mas/77. Indian Institute of Technology. A lateral PNP transistor.

ALTERATION OF DATE

141483.

1085/Cal/76.

Ante-dated 5th September, 1973.

141501.

1125/Cal/75.

Ante-dated 28th December, 1970.

141503.

2061/Cal/75.

Ante-dated 26th June, 1973.

141506.

929/Cal/75.

Ante-dated 26th November, 1970.

COMPLETE SPECIFICATIONS ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification respectively".

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta in due course. The price of each specifications is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F_d. 141483.

Int. Cl.-C07c 57/14.

PROCESS FOR THE PREPARATION OF MALEIC ANHYDRIDE.

Applicant: HALCON INTERNATIONAL, INC., OF 2 PARK AVENUE, NEW YORK, NEW YORK 10016, UNITED STATES OF AMERICA.

Inventor: ROBERT SAMUEL BARKER.

Application No. 1085/Cal/76 filed June 18, 1976.

Division of Application No. 2028/Cal/73 filed September 5, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

A process for the preparation of maleic anhydride which comprises oxidizing benzene in the vapor-phase with molecular oxygen in the presence of a catalyst comprising oxides of molybdenum, vanadium, phosphorous, sodium and boron in combination with an oxide of at least one metal selected from the group consisting of manganese, tin, tungsten and bismuth.

CLASS 33D. 141484.

Int. Cl.-B22d 41/00.

A DETACHABLE TILTING AND LIFTING DEVICE FOR LADLE.

Applicant & Inventor: SURENDRA SINGH RANDHIR CHAUHAN, OF 12/1, RITCHI ROAD, (OFF HAZRA ROAD), CALCUTTA-700019, STATE OF WEST BENGAL, INDIA.

Application No. 1495/Cal/76 filed August 16, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A detachable tilting and lifting device for ladle comprising a ladle and a frame for holding the said ladle, characterised in that the frame is provided with tilting arrangement consisting of reduction gear, trunnions and operating handle, for tilting of the ladle and supporting members also fitted to the frame to support and hold the ladle, whereas the ladle is provided with a fixing arrangement to fix the ladle with the supporting members of the frame.

CLASS 172C₁. 141485.

Int. Cl.-D01g 15/02.

SILVER SPLITTING DEVICE IN JF, FINISTER CARD.

Applicant: THE DIRECTOR, JUTE TECHNOLOGICAL RESEARCH LABORATORIES, INDIAN COUNCIL OF AGRICULTURAL RESEARCH, 12, REGENT PARK, CALCUTTA-40, WEST BENGAL, INDIA.

Inventors: SRI MANJUL KUMAR SINHA AND SRI SYAMAL KUMAR GHOSH.

Application No. 1260/Cal/76 filed July 13, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A silver splitting device in JF, finisher card, comprising a gunmetal bifurcating gadget, 4" in width and 4½" in surface

length and the bottom attached with claw shaped bronze sheet 0.024" thick measuring 4"×9½", a holding clamp being fixed on the doffer grid by an adjustable nut for placing the gadget between doffer roller and set of three rollers viz., drawing roller, drawing pressing roller and plaiding roller to make an obstruction in that region to the flow of carded web from doffer roller and thereby dividing the carded material in between drawing roller and drawing pressing roller, keeping proper webs on the other parts of the roller for producing two slivers.

CLASS 148M.

141486.

Int. Cl.-G03c 5/00.

A PROCESS FOR MANUFACTURING PLASTIC IDENTITY CARDS.

Applicant & Inventor: MAHENDER NATH SHARMA, OF 83/102, WEA KAROL BAGH, NEW DELHI-5, INDIA.

Application No. 1789/Cal/73 filed August 2, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

An improved process of manufacturing plastic identity cards having a luminous colour code window by photo litho diffusion process comprising the steps of coating a sensitised layer on a plastic sheet, printing the data of the identity card on a negative process plate and placing a negative of the person to be identified on said process plate, placing a diffusion filter plate, said negative plate with said negative and said coated plastic sheet one over the other and exposing them to a diirused exposure and thereafter developing the said plastic sheet, characterized in that, the said sensitised layer for coating on a plastic sheet is formed of an emulsion of the composition:—

- (i) Silver nitrate 25 to 30%; by weight
- (ii) Ammonium Bromide 20 to 25%; by weight
- (iii) Ammonium Chloride 12 to 15%; by weight
- (iv) Potash Alum 5% by weight of the composition
- (v) Gelatine 2 to 25% by weight and
- (vi) Water 1000 C.C.

CLASS 32A₂ & 62C₁.

141487.

Int. Cl.-C09b 62/78.

PROCESS FOR THE MANUFACTURE OF NEW FIBRE-REACTIVE DYESTUFFS.

Applicant: CIBA-GEIGY AG, OF KLYBECKSTRASSE 141, BASLE, SWITZERLAND.

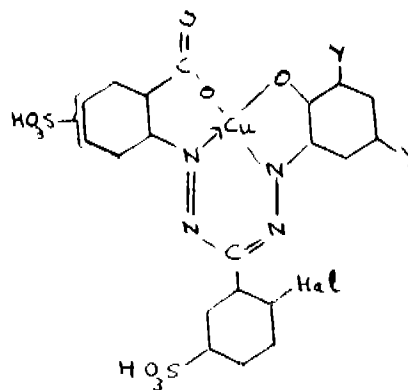
Inventor: GERT HEGAR.

Application No. 2430/Cal/73 filed November 3, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for the manufacture of reactive dyestuffs of the formula (1).



wherein one Y represents a sulpho group and the other Y represents a fibre-reactive (as defined hereinbefore) acyla-

mino group and Hal represents chlorine, bromine, or fluorine, wherein dyestuffs of the formula (1), in which one Y represents an acylatable amino group, is reacted with an acid chloride or acid anhydride that contains a fibre-reactive acyl radical, with the proviso that when a trihalotriazine is used as the acylating agent, a halogen atom thereof is optionally reacted before or after the acylation, with an aliphatic or aromatic hydroxy, mercapto, or amino compound or with ammonia.

CLASS 76E & 150G.

141488.

Int. Cl.-C09j 5/00, 3/14.

A METHOD OF MANUFACTURE OF AN ASSEMBLY BY ADHESION.

Applicant : PONT-A-MOUSSON S. A., OF AVENUE CAMILLE CAVALLIER, 54 PONT-A-MOUSSON, FRANCE.

Inventor : DONALD ARTHUR HUBBARD.

Application No. 2782/Cal/73 filed December 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims

A method of manufacture of an assembly by adhesion between parts such as a socket pipe and a male end pipe, two planar metallic parts, a mass of concrete and a metal body to be anchored thereto, two electric cables, or a pipe and a flange to be mounted thereon, characterized in first applying on each of the confronting surfaces of the parts to be assembled, a thin layer of a first polymerizable mixture such as herein described of an epoxy resin which polymerizes slowly and is slightly exothermic and has a good adherence to the parts to be assembled, filling the space remaining between the layers with a second polymerizable mixture such as herein described of a polyester resin which polymerizes rapidly and is sufficiently exothermic to promote the polymerization of the first resin and normally has after polymerization a poor adherence to the parts to be assembled but a good adherence to the first resin.

CLASS 40A₁.

141489

Int. Cl.-F23c 11/00, F23j 15/00.

A CATALYTIC COMBUSTION APPARATUS FOR EMITTING VOLTAGE VAPOURS.

Applicant : PEPRO, SOCIETE POUR LE DEVELOPPEMENT ET LA VENTE DE SPECIALITES CHIMIQUES, OF 14/20 RUE FIERRE BAIZET 69009—LYON, FRANCE.

Inventor : MICHEL JOLY AND LOUIS MOULIN.

Application No. 173/Cal/74 filed January 25, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A catalytic combustion apparatus for emitting volatile vapours, comprising a container for the liquid containing the active material to be diffused, a wick or a packing the lower end of which is situated inside the container in contact with the liquid whilst its other or upper end is in contact with the atmosphere surrounding the container, and a porous combustion support impregnated with combustion catalyst mounted between lateral walls above the said upper end of the wick in contact with the atmosphere, the porous catalyst support, the lateral mounting walls and the upper end of the wick defining between them a vaporisation chamber, characterised in that the catalytic support comprises a loose-knit fibrous structure composed of insulating, refractory fibrous elements of which the ratio between the perimeter of the cross-section of a fibre and the surface area of the cross-section of a fibre varies from 30 to 1500 mm⁻¹.

CLASS 32A.

141490.

Int. Cl.-C07c 107/00.

PROCESS FOR THE PRODUCTION OF POLYAZO MAPHTHALENE DERIVATIVES.

Applicant : SANDOZ LTD., OF LICHTSTRASSE 35, 4002 BASLE, SWITZERLAND.

Inventors : HERBERT HOLLIGER AND HEINZ WICKI.

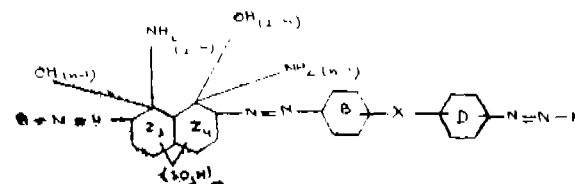
Application No. 277/Cal/74 filed February 11, 1974.

Convention date February 13, 1973/(6932/73) U. K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

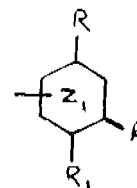
A process for the production of compounds of formula I.



in which A signifies an unsubstituted phenyl radical or a phenyl radical which is substituted by lower alkyl, alkoxy, S-alkyl, -COOH, -SO₃H, NO₂, hydroxyl, halogen, or an unsubstituted or substituted sulphonamide, carbonamide, alkylamino, arylamino or acylamino group,

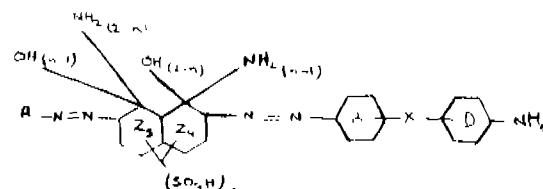
X signifies a bridge member of formula -CS-NH-, -CO-NH-, -NHCS- or -NH-CO-,

m signifies the integer 1 or 2, n signifies the integer 1 or 2 and K is a radical of formula II.

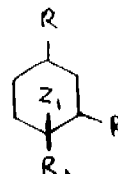


in which either, each R, independently, is -NH₂ or -OH and R₁ is hydrogen or -SO₃H, or one R is orthomethylcyclohexylamino, the other is hydroxy and R₁ is hydrogen, the aromatic rings B and/or D and/or Z₄ being otherwise unsubstituted or being further substituted once or twice and the aromatic rings Z₆ and Z₄ being otherwise unsubstituted and water soluble salts thereof, which comprises,

coupling the diazo compound prepared from an aminoazo compound of formula IV.



in which A, X, n, m, B, D, Z₆ and Z₄ are as defined above, with a coupling component of formula V.



in which R, R₁ and Z₁ are as defined above.

CLASS 39E & 123.

141491.

Int. Cl.-C09K 3/00.

IMPROVEMENTS IN OR RELATING TO CALCIUM HALOPHOSPHATE PHOSPHOR FOR USE IN FLUORESCENT TUBELIGHTS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Inventors : CHATTARI VENKATA SURYANARAYANA, MOHAMMED IFTIKHAR AHMED SIDDIQI, NAGAMONY RAJARAM, RAMAYYAR LAKSHMINARAYANAN AND VEDARAMAN SUNDARAM.

Application No. 324/Cal/74 filed February 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

1 Claim.

A process of making calcium halophosphate phosphor emitting in the yellow region of the visible spectrum, having a composition corresponding to $3 \text{Ca}_a(\text{PO}_4)_a \text{CaF}_2 : \text{Sb, Mn}$, which comprises taking a mixture of high purity luminescent grade raw materials, for instance, calcium hydrogen phosphate, calcium carbonate, calcium fluoride, antimony oxide and manganese phosphate, so as to give a matrix of the general formula $3 \text{Ca}_a(\text{PO}_4)_a \text{Ca}(\text{Cl, F})_a : \text{Sb, Mn}$ wherein the metal : phosphorus ratio is in the vicinity of 4.9/3, antimony is about 1% and Mn is in the range 1.0 to 2.5%, making a well mixed slurry of the same with the addition of suitable quantity of distilled water, drying it and heating the mix, in order to obtain a solid state reaction, in a closed silica crucible in a furnace in the range of 900-1250°C preferably close to about 1100°C, for a period of time depending on the quantity of the materials and subsequently air-quenching the same : the resulting material under excitation gives luminescence in the yellow region of the spectrum.

CLASS 86A.

141492.

Int. Cl.-B24f 17/14; A47b 53/02, 43/02.

TRAY ROLLER AND RETAINER ASSEMBLY.

Applicant : SPERRY RAND CORPORATION, AT 100 WEST TENTH STREET, WILMINGTON 99, DELAWARE AND BUSINESS OFFICE AT 1290 AVENUE OF THE AMERICAN, NEW YORK, NEW YORK-10019, U.S.A.

Inventor : ROY EDWIN KANITZ.

Application No. 341/Cal/74 February 18, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A tray roller and retainer assembly suitable for retaining trays on shelves comprising :

a ramp formed of a block of solid material; and a roller mounted in said ramp adjacent to the top thereof.

CLASS 90-I.

141493.

Int. Cl.-C03c 1/02.

METHOD OF FORMING DISCRETE PIECES OR PELLETS FROM MELTABLE GLASS-PRODUCING MIXTURES.

Applicant : PELLTEC S.A., OF PIAZZA COLLEGIATA, BELLINZONA, SWITZERLAND.

Inventor : PAUL EIRICH, HUBERT EIRICH, WALTER EIRICH AND DR. PIERO ERCOLE.

Application No. 1014/Cal/74 filed May 4 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims.

In a method of forming discrete pieces or pellets from a glass-producing meltable mixture, wherein the glass-producing mixture comprises sand grains and a sodium-containing component which at least partially consists of aqueous sodium hydroxide, the improvement which comprises that the sand

grains are reacted at temperature of from 200 to 450°C with the aqueous sodium hydroxide without direct contact with CO_2 , thereby to form a surface layer of water soluble silicates on the sand grains, thereafter subjecting the sand grains to a mechanical treatment in order to at least partially remove the water soluble silicates from the sand grains, adding the remaining ingredients such as herein described of the glass-producing mixture to the sand grains and the water soluble silicates mixing the mixture to form a uniform mass and then agglomerating the mass in the presence of 5-15 percent by weight of water.

CLASS 62A₁ & D & 155E.

141494.

Int. Cl.-D06m 13/00.

IMPROVEMENTS IN OR RELATING TO THE SPINNABILITY OF AND/OR YARN STRENGTH OF CELLULOSIC MATERIALS.

Applicant : SHRI RAM INSTITUTE FOR INDUSTRIAL RESEARCH, 19, UNIVERSITY ROAD, DELHI-7, INDIA.

Inventors : RASHMIKANT SHANTILAL PARIKH AND PREM SAGAR JAIN.

Application No. 1464/Cal/74 filed July 1, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims. No. drawings.

A process for improving the spinnability and/or yarn strength of cellulosic materials having an initial wax content of 0.6-1.0% wax content by treating them with a solvent or mixture of solvents as defined herein characterised in that the cellulosic materials are dewaxed to a critical range of wax content not less than 0.15% and not more than 0.4% wax content by contacting the cellulosic materials with solvent at elevated temperature of the order of 50°C to 150°C for a period upto 30 minutes with a minimum 1 : 10=cotton fibre : mother liquor ratio.

CLASS 32F_c.

141495.

Int. Cl.-C07c 31/20, 11/06, 69/79.

PROCESS FOR THE PREPARATION OF DIPROPYLENE GLYCOL DIBENZOATE.

Applicant : DYNAMIT NOBLE AKTIENGESSELLSCHAFT, OF TROISDORF/DISTRICT COLOGNE, FEDERAL REPUBLIC OF GERMANY.

Inventors : DR. HANS-LEO HUISMANN AND DR. GUSTAV RENCKHOFF.

Application No. 1467/Cal/74 filed July 1, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims. No drawings.

A process for the preparation of dipropylene glycol dibenzoate, which comprises transesterifying methylbenzoate with dipropylene glycol in the presence of an aluminium alkoxide and/or an aluminium-silicon alkoxide as a catalyst at a temperature above 150°C.

CLASS 32F, & E.

141496.

Int. Cl.-C07d 7/04.

METHOD OF PRODUCING 1-N-[L-(-)- α HYDROXY-LY AMINO BUTYRYL] XK-62-2.

Applicant : KYOWA HAKKO KOGYO CO., LTD., OF OTHEMACHI BLDG., OTHEMACHI, CHIYODA-KU, TOKYO, JAPAN.

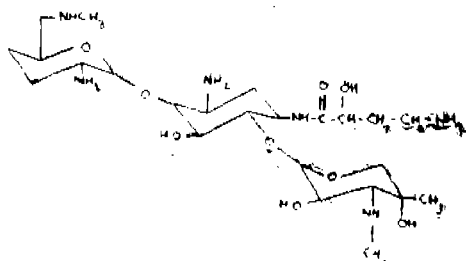
Inventors : SHINJI SOMIOKA, YASUKI MORI, TAKASHI NARA AND KUNIKATSU SHIRAHATA.

Application No. 144/Cal/75 filed January 25 1975.

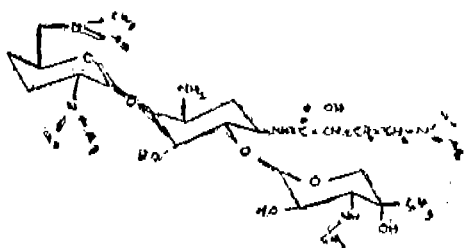
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

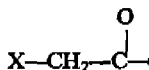
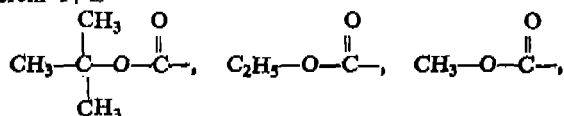
A process for producing 1-N[L(-)-o-hydroxy-y-amino-butyl] XK-62-2 represented by the formula shown in Fig. 1.



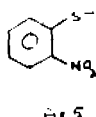
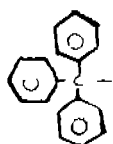
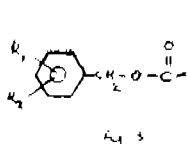
and a pharmaceutically acceptable salt thereof, which comprises eliminating the protecting groups Y_1 , Y_2 , Y_3 , Y_4 , and Y_5 of a compound represented by the formula shown in Fig. 2.



wherein Y_1 is



or a group of the formula shown in Fig. 3, Fig. 4 or Fig. 5.



wherein R_1 and R_2 may be the same or different and are H, OH, NO_2 , Cl, Br, I, alkyl groups having 1 to 5 carbon atoms or alkoxy groups having 1 to 5 carbon atoms, respectively, and X is Cl, Br or I and Y_1 , Y_2 , Y_3 , Y_4 and Y_5 has the same significance as Y_1 ; Y_2 and Y_3 have the same significance as Y_1 , and Y_4 and Y_5 are hydrogen; or Y_2 and Y_3 as well as Y_4 and Y_5 form a phthaloyl group in a known manner and, if desired, converting the products into their pharmaceutically acceptable salts in known manner.

CLASS 32F, & 60X,d.

141497

Ins. Cl. C07c 169/30.

PROCESS FOR PREPARING NEW PREGNA-1, 4-DIENE-3, 20-DIENE DERIVATIVES.

Applicant : PIERREL S.P.A. OF VIA TURATI 36, MILAN, ITALY.

Inventors : MARIO RIVA AND LUCIANO TOSCANO.

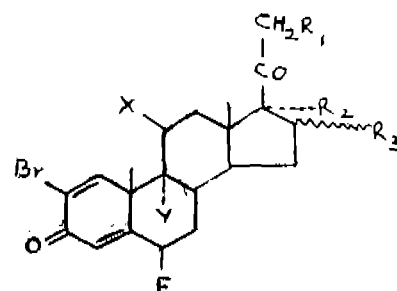
Application No. 312/Cal/75 filed February 18, 1975.

Convention date February 27 1974/(8928/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

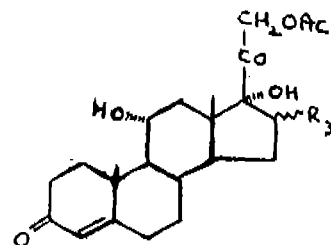
6 Claims

A process for the manufacture of novel steroid compounds of general formula (A).

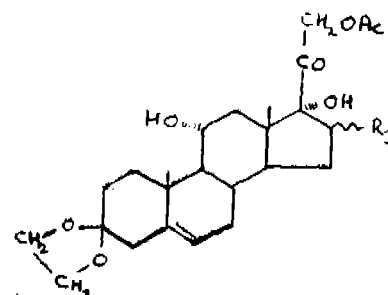


wherein X is OH; Y is F; R_1 and R_2 each stands for OAcyl; RR_3 stands for H, αCH_3 or βCH_3 , and pharmaceutically acceptable salts thereof, which process comprises,

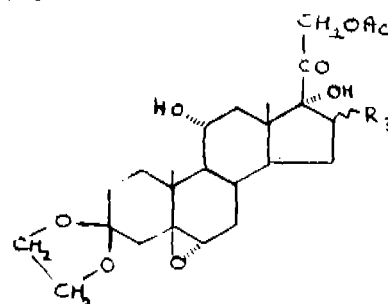
(i) subjecting 11 α , 17 α , 21-trihydroxy-pregn-4-ene-3, 20-dione-21-acetate of formula I.



to ketalisation in known manner to produce the corresponding 3-ketal of formula II.



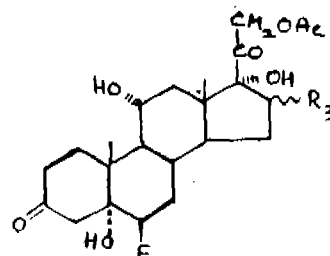
(ii) converting the 3-ketal of formula II to the corresponding 5 α , 6 β -epoxide of formula III.



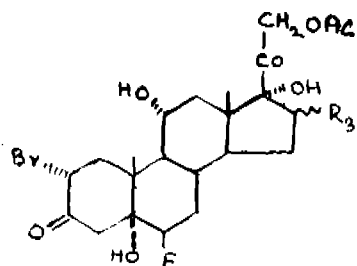
by reacting the former with a peracid or other known epoxidizing agents;

(iii) separating the α - and β -epoxides in known manner;

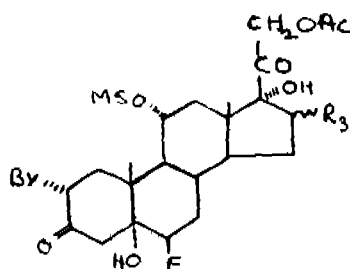
(iv) reacting the α -epoxide of formula III namely 11 α , 17 α , 21-trihydroxy-3, 3-ethylene-dioxy-5 α , 6 α -oxido-pregnane-20-one-21-acetate with hydrofluoric acid to produce 6 β -fluoro-5 α , 11 α , 17 α , 21-tetrahydroxy-pregnane-3, 20-dione-21-acetate of formula IV



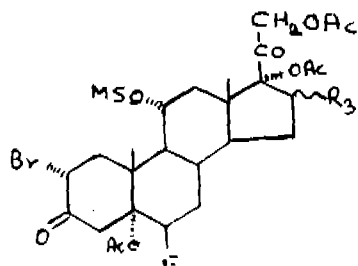
(v) brominating the compound of formula IV in known manner to produce 2 α -bromo-6 β -fluoro-5 α 11 α , 17 α , 21-tetrahydroxy-pregnane-3, 20-dione-21-acetate of formula V.



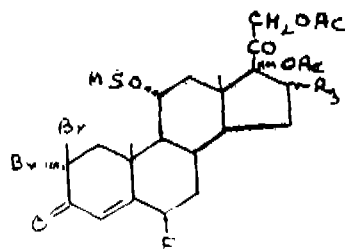
(vi) reacting the compound of formula V with an acyl halide, for instance, methanesulphonyl chloride to produce 2 α -bromo-6 β -fluoro-5 α 11 α , 17 α , 21-tetrahydroxy-pregnane-3, 20-dione-11-mesylate-21-acetate of formula VI.



(vii) treating the mesylate of formula VI with acetic anhydride and perchloric to produce 2 α -bromo-6 β -fluoro-5 α 11 α , 17 α , 21-tetrahydroxy-pregnane-3, 20-dione-11-mesylate-5, 17, 21-triacetate of formula VII.

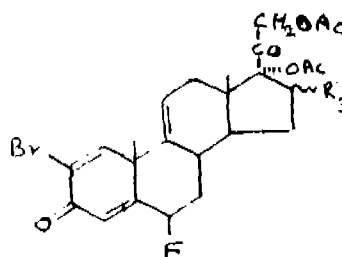


(viii) brominating the compound of formula VII in acetic acid containing potassium or sodium acetate as the base to obtain 2, 2-dibromo-6 β -fluoro-11 α , 17 α , 21-trihydroxy-pregn-4-ene-3, 20-dione-11-mesylate-17, 21-diacetate of formula VII bis;

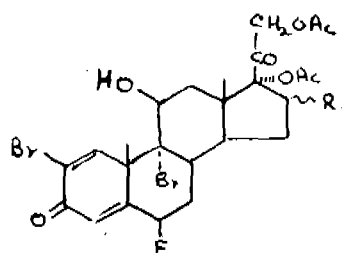


(ix) dehydrobrominating in a manner such as hereinbefore described the compound of formula VII bis to the corresponding triene, namely, 2-bromo-6 β -fluoro-17 α , 21-dihydroxy-pregna-1, 4, 9(11)-triene-3, 20-dione-17, 21-diacetate of

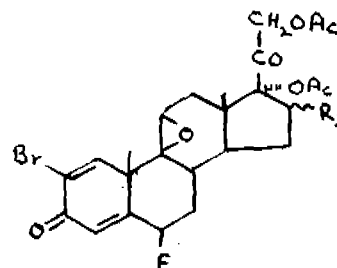
formula VIII.



(x) reacting the compound of formula VIII with bromous acid to produce the corresponding 9 α -bromopound of formula IX.



(xi) reacting the compound of formula IX with potassium carbonate and acetone to obtain the 9 β , 11 β -oxido compound of formula X; and



(xii) reacting the compound of formula X with hydrofluoric acid to obtain the desired compound of formula (A) wherein R₁ and R₂ both stand for OAcyl and, if desired, converting in known manner the compounds of formula (A) into their pharmaceutically acceptable salts.

CLASS 32Fb & 55E, & 55, & 60Xa.

141498

Int. Cl-C07d 7/04.

PROCESS FOR PRODUCING 1-N-(α -HYDROXY- β -AMINOPROPINOYL) XK-62-2.

Applicant: KYOWA HAKKO KOGYO CO., LTD., OF 6-1 OHTEMACHI ITCHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors: SHINJI TOMIOKA, YASUKI MORI, AND KUNIKATSU SHIRAHATA.

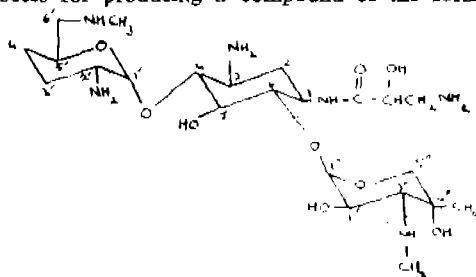
Inventors: SHINJI TOMIOKA, YASUKI MORI AND KUNIKATSU SHIRAHATA.

Application No. 439/Cal/75 filed March 6, 1975.

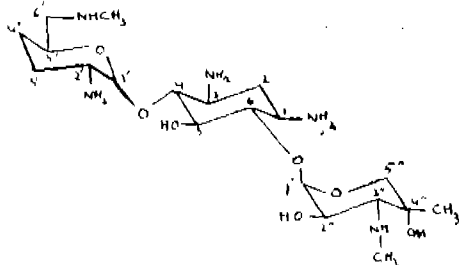
Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

8 Claims

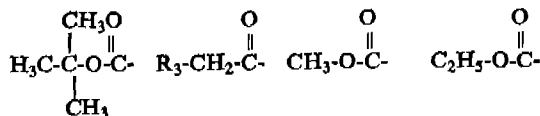
A process for producing a compound of the formula II.



which comprises acylating a compound selected from the group consisting of the compound of the formula I.

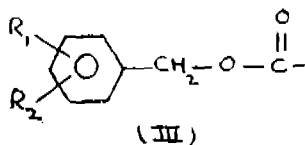


and the derivatives thereof wherein at least one of the amino groups bonded to carbon atoms at the 2'-position and 6'-position is protected by an amino-protecting group, with from 0.4 to 2.5 moles of an acylating agent such as herein described, per mole of starting compound, capable of introducing an α -hydroxy- β -substituted aminopropionyl group wherein said β -amino group is substituted by a protecting group selected from the group consisting of :

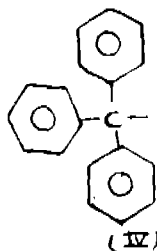


141498

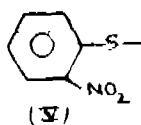
and those of the formulae III to VI.



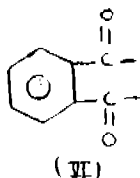
(III)



(IV)



(V)



(VI)

wherein R₁ and R₂ may be the same or different and are H, OH, NO₂, Cl, Br, I, alkyl groups having 1 to 5 carbon atoms or alkoxy groups having 1 to 5 carbon atoms, and R₃ is H, F, Cl, Br, I or an alkyl group having 1 to 5 carbon atoms; in a solvent such as herein described at from -50° to 50°C to introduce said α -hydroxy- β -substituted aminopropionyl group to the amino group bonded to the carbon atom at the 1-position of said starting compound; and thereafter eliminating in a known manner as herein described said protecting group.

CLASS 126C.

Int. Cl. 5/00.

ELECTRICAL MEASURING INSTRUMENT.

141499.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : THOMAS HAROLD PUTMAN.

Application No. 974/Cal/75 filed May 15, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

An electrical instrument, comprising :

a magnetic circuit and winding assembly Fig. 1. having an opening therein, a movable assembly mounted for restrained rotation within the opening of said magnetic circuit and winding assembly, indicating means coupled to said movable assembly for indicating the angular position of said movable assembly, said magnetic circuit and winding assembly including first and second spaced magnetic plate members each of said first and second magnetic plate members defining an opening with at least one of the openings having a generally spirally-shaped configuration, and an electrical coil disposed relative to said spaced first and second plate members such that they acquire different magnetic polarities in response to current flow through said electrical coil, said movable assembly including a magnetic element which provides a first magnetic circuit between said first and second magnetic plate members.

said magnetic element of said movable assembly coating with the magnetic flux provided by current flow in the electrical coil to provide magnetic polarities on portions of the magnetic element adjacent to said first and second magnetic plate members which are different than those of the adjacent magnetic plate members to provide attractive forces which exert a torque on the movable assembly, said torque rotating the restrained movable assembly between first and second angular positions when the current through the electrical coil increases from zero to a predetermined value, with the permeance of the first magnetic circuit changing as the movable member rotates in either direction, due to the generally spirally-shaped configuration of at least one of the openings defined by the first and second magnetic plate members.

141500.

CLASS 32Fa & F4C.

Int. Cl.-Co7c 119/04.

METHOD FOR THE PRODUCTION OF ISOCYANATES.

Applicant : ATLANTIC RICHFIELD COMPANY, OF ARCO PLAZA, 515 S. FLOWER STREET, LOS ANGELES, STATE OF CALIFORNIA, UNITED STATES OF AMERICA.

Inventors : RUDOLPH ROSENTHAL AND JOHN GEORGE ZAJACEK.

Application No. 1104/Cal/75 filed June 3, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings.

A method for production of isocyanates from lower alkyl esters of mononuclear aromatic carbamic acids by thermally decomposing the ester of said carbamic acid in a continuous process while said ester is dissolved in an inert solvent in which the total concentration of said ester and products produced therefrom by said decomposition is maintained in the mole per cent range of from about 1 to 20, said decomposition being at temperatures in the range of from 230°C. to 290°C. in the presence of an inert carrier agent at a mole ratio of inert carrier agent to ester of at least 3 to 1 to produce the isocyanate and corresponding alcohol as overhead products at concentrations in the vapor phase which minimize recombination of the isocyanate and alcohol.

CLASS 32F₃b & 60X₂d.

141501.

Int. Cl. Co7d 22/22.

PROCESS FOR PREPARING AROYL-SUBSTITUTED PYRROLES.

Applicant: MCNEIL LABORATORIES, INCORPORATED LOCATED AT CAMP HILL ROAD, FORT WASHINGTON, PENNSYLVANIA, U.S.A.

Inventor: JOHN ROBERT CARSON.

Application No. 1125/Cal/75 filed June 5, 1975.

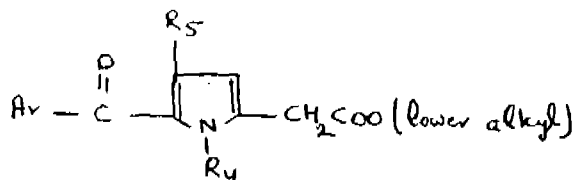
Division of Application No. 129759 filed December 28, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for preparing a compound of the formula A.

141501A



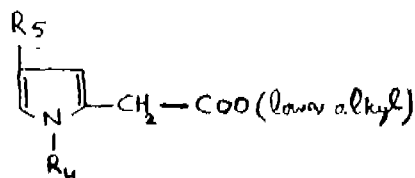
wherein Ar is a member selected from the group consisting of phenyl, thienyl, 5-methylthienyl, monosubstituted phenyl and polysubstituted phenyl, each substituent of said substituted phenyls being a member selected from the group consisting of halo, an alkyl of 1 to 5 carbon atoms, tri-fluoromethyl, lower alkoxy, nitro, amino, cyano and methylthio;

R₄ is an alkyl of 1 to 5 carbon atom

R₅ is an alkyl of 1 to 5 carbon atom

characterized by reacting a compound of the formula B.

141501B



with a compound of the formula Ar-Co-Halide wherein Ar is other than phenyl substituted with amino, in the presence of lewis acid and a solvent in order to obtain compound of formula A and, if desired, converting the obtained compound into its corresponding pharmaceutically acceptable acid by hydrolysis.

CLASS 32-E.

141502.

Int. Cl. CO8g 20/00.

PROCESS FOR THE PREPARATION OF MELON.

Applicant: CHEMIE LINZ AKTIENGESellschaft, OF ST. PETER-STRASSE 25, 4020 LINZ, AUSTRIA.

Inventors: FERDINAND WEINROTTER, KARLHEINZ WEGLEITNER AND WALTER MULLER.

Application No. 1497/Cal/75 filed July 29, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A process for the preparation of melon, which comprises heating in the solid form, a formed mixture of melamine and urea at a temperature from 450°C to 600°C.

CLASS 108B₁.

141503.

Int. Cl.-C21b 13/14.

APPARATUS FOR CHARGING INTERCHANGEABLE REACTORS.

Applicant: FIERRO ESPONJA S.A. OF AVENIDA LOS ANGELES AL ORIENTE, MONTERREY, N.L., REPUBLIC OF MEXICO.

Inventors: JUAN CELADA, PATRICK WILLIAM MACKAY, ENRIQUE RAMON MARTINEZ, ANTONIO VILLASENOR AND RICARDO VIRAMONTES.

Application No. 2061/Cal/75 filed October 27, 1975.

Division of Application No. 1491/Cal/73 filed June 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

Apparatus for charging a pair of interchangeable reactors including a first reactor for reducing iron ore to sponge iron and a second reactor for cooling said sponge iron, said apparatus comprising a first hopper located above the reactors and adapted to contain iron ore, said first hopper having conduits leading to the tops of said first and second reactors, a second and third hopper positioned above said reactors and adapted to contain particulate refractory material, conduits leading from said second and third hoppers to the tops of said first and second reactors, respectively, and valve means in each of said conduits for controlling flow of material therethrough.

CLASS 40F & 84C, & 198D.

141504.

Int. Cl.-B08b 3/00, C101 5/00.

COAL PROCESSING METHODS AND APPARATUS.

Applicant: OTISCA INDUSTRIES, LTD., POST OFFICE BOX 211, LAFAYETTE, NEW YORK, UNITED STATES OF AMERICA.

Inventors: CLAY DEMPSTER SMITH AND DOUGLAS VERN KELLER, JR.

Application No. 467/Cal/76 filed March 17, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

48 Claims.

A method of processing coal in which the coal is beneficiated to separate it from foreign matter mixed therewith by introducing the coal into a body of a parting liquid which is or contains a halogenated hydrocarbon and has a specific gravity intermediate that of the coal and foreign material so that the coal will rise toward the top of the body of liquid and the foreign material will sink toward the bottom thereof, said method being characterized in that any halogenated hydrocarbon present in the parting liquid in the beneficiation step is a fluorochloro derivative of methane or ethane and is selected from the group consisting of 1, 2-difluoroethane, 1-chloro-2, 2, 2-trifluoroethane, 1, 1-dichloro-2, 2, 2-trifluoroethane, dichloro-fluoromethane, 1-chloro-2-fluoroethane, 1, 1, 2-trichloro-1, 2, 2-trifluoroethane, 1, 1-dichloro-1, 2, 2, 2-tetrafluoroethane, and trichlorofluoromethane.

CLASS 116H.

141505

Int. Cl.-B66c 23/00

IMPROVEMENTS IN OR RELATING TO JIB CRANES.

Applicant: TRACTEL TIRFOR INDIA PRIVATE LIMITED, 15, GANESH CHANDRA AVENUE, CALCUTTA-700013, WEST BENGAL, INDIA.

Inventor: DR. PRADIP KUMAR CHAKRAVARTY.

Application No. 1255/Cal/76 filed July 12, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An improved jib crane for handling of load comprising a jib fitting to a firmly anchored column and/or bracket, characterised by that the jib comprises two sections, an outer section and an inner section both being pivotally joined with each other and the said inner section of the jib is pivoted to the said column and/or bracket thereby providing the inner and outer sections of the jib to swing at least in parts of two different circles around their respective pivot joints allowing the load attached to the free outer end of the outer section of jib to be moved to any point within the maximum effective area described by the fully extended jib, the jib being moved manually by pull on the outer jib section.

CLASS 55E_a & 60X₂b. 141506
Int. Cl.-A61k 9/00, 27/00.

PROCESS FOR PREPARING FREE-FLOWING READILY WETTABLE EFFERVESCENT ASPIRIN PARTICLES.

Applicant: ASPRO-NICHOLAS LIMITED, OF 225, BATH ROAD, SLOUGH, BUCKINGHAMSHIRE, ENGLAND, FORMERLY OF 16, BERKELEY STREET, LONDON, W.1., ENGLAND.

Inventors: GRAHAM ARTHUR BONCEY, NAURICE JOHN HEDGE AND JAMES RAE HENDERS ON.

Application No. 929/Ca/75 filed May 9, 1975.

Convention date November 28, 1969/(58203/69) U.K.

Division of Application No. 129401 filed November 26, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims. No drawing

A process for preparing free-flowing readily wettable effervescent aspirin particles which comprises coating aspirin particles with a water-soluble pharmaceutically acceptable coating material having a melting point of at least 105°C and composed of or including one or more agents selected from low molecular weight amino acids, sugars, sugar alcohols and mixtures thereof, whereby each aspirin particle is substantially encompassed by a layer of the coated material, and admixing the coated aspirin particles with an effervescent couple such as herein described, the ratio by weight of the aspirin to the total weight of the composition being greater than 1 : 8.

CLASS 32F, & F₅b. 141507
Int. Cl. C07d 49/30.

PROCESS FOR THE PREPARATION OF [1-IMIDAZO-1-YL]-[2-(4'-(4"-CHLOROPHENYL)-PHENOXY)-4, 4-DIMETHYL-PENTAN-3-ONE AND ITS SALTS.

Applicant: BAYER AKTIENGESellschaft, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Inventors: WOLFGANG KRAMER, (2) KARL HEINZ BUCHEL, (3) MANFRED PLEMPER.

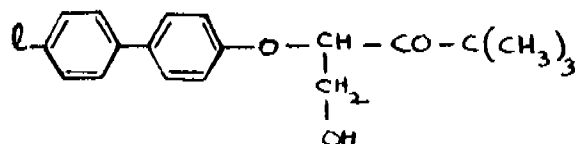
Application No. 1022/Ca/75 filed May 21, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A process for the preparation of [1-imidazolyl-(1)]- [2-(4'-(4"-chlorophenyl)-phenoxy)] 4, 4-dimethyl-pentan -3 -one, or a salt thereof, comprising reacting a compound of the formula II.

141509.II



with imidazole in the presence of a dehydrating agent such

as herein described, and, if desired, converting the resulting base into a salt by conventional techniques.

CLASS 32F, & F₅a & F₅b. 141508
Int. Cl.-C07c 85/00.

A PROCESS FOR THE SYNTHESIS OF ARYLOXYALKYLAMINES WITH HYPOTENSIVE, ALPHA ADRENOCEPTOR BLOCKING AND ANTI-INFLAMMATORY PROPERTIES.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors: SHIV KUMAR AGARWAL, PADAM CHAND JAIN, NITYA NAND, RIKHAB CHAND SRIMAL AND BHOLA NATH DHAWAN.

Application No. 1550/Ca/75 filed August 8, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

1 Claim

A process for the preparation of aryloxy alkylamines of the structure I.

Ar-O-(CH₂)_n-NR

A process for the preparation of aryloxy alkylamines of the structure I, where R¹ and R² like hydrogen, methyl, ethyl, hexyl, bromo, chloro, fluoro, iodo, trifluoromethyl, nitro, amino, acetamino, methanesulphonamido, hydroxymethyl, formyl, methoxy, ethoxy and butoxy, ArO may also be a group like α- and β-naphthoxy, 5, 6, 7, 8-tetrahydro-α- and β-naphthoxy, 1-oxo-3, 4-dihydro 5 or 6-naphthoxy, n may be 2 to 4 and -NR¹ may be a group like (morpholino; piperidino; diethylamino; diisopropylamino; pyrrolidino; R₃-C₆H₄-piperazino, wherein R₃ may be a group like, methyl, methoxy, chloro, bromo, iodo, trifluoromethyl, fluoro; R₄-piperazino wherein R₄ may be a group like methyl, ethyl, hexyl and isopropyl and 4-C₆H₄-4-R₄-piperidino where R₄ may be H, hydroxy and acetyl) by the condensation of appropriate hydroxy compound ArOH (structure II).

ArOH

wherein ArO has same connotation as described above) with an amino alkyl halide (structure III).

X-(CH₂)_n-NR¹

wherein n and -NR¹ have same connotation as described above and X is chloro or bromo) in a solvent like acetone, ethanol, methanol, methyl ethyl ketone and water in presence of a base like triethyl amine, sodium and potassium hydroxide and sodium and potassium carbonate.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

105291 130275 131203 131637 131867 132104 132211 132330
132428 132493 132524 132684 132689 132708 132736 132749
132751 132891 133079 133517 133525 133487 133489 133490

(2)

133984.

(3)

133181 133270.

(4)

129197.

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Simon Pullukat Joseph in respect of patent application No. 127205 as advertised in Part III, Section 2 of the Gazette of India dated the 18th September 1976 have been allowed.

RENEWAL FEES PAID

79382 81124 81126 81221 81222 81297 81328 81510 81646
 82368 82369 82423 86480 86711 86748 86760 86874 87034
 87041 87057 87086 87488 88142 90637 90770 91691 92317
 92566 92675 92688 92788 92893 92894 92984 93027 93047
 93541 93916 94043 94812 95710 96376 97638 97883 98136
 98137 98240 98241 98261 98275 98286 98293 98354 98368
 98553 98567 98708 98783 98784 98819 99014 99313 100076
 101119 104019 104120 104136 104203 104214 104444 104468
 104622 104626 104796 104890 106955 107942 108509 107172
 109645 109646 109674 109675 109676 109677 109678 109685
 109734 109834 109946 109947 110008 111290 113716 114454
 114632 114683 114803 114977 114978 115001 115055 115149
 115417 115420 117600 119206 119311 119667 119749 119800
 119957 120032 120072 120137 120147 120148 120173 120240
 120276 120291 120299 120324 120325 120338 120354 120369
 120372 120399 120404 120414 120415 120416 120417 120516
 120570 120601 120661 120810 121695 122302 122518 122683
 123241 123155 124903 125243 125347 125583 125623 125889
 125988 126012 127077 127245 129753 130217 130252 130291
 130292 130352 130418 130447 130487 130632 130645 130725
 130799 131045 132288 133597 134486 134548 134552 134607
 134799 134859 134991 135015 135060 135634 135766 135767
 135768 135769 135959 135960 136025 136170 136245 136274
 137022 138076 138235 138483 138597 138614 138636 138651
 138693 138748 138802 138851 138875 138877 138878 138887
 138896 138916 139018 139020 139034 139212.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

- Class 1. No. 144240. Ibrahim Bhai Mohamadali and Saifuddin Mohamaddali Raja, both Indian Nationals, trading as Dinco Engineering Works, strand Road, Import Warehouse, Calcutta-700001, West Bengal, India. "Tubewell pumps". May 10, 1976.
- Class 1. No. 144259. Mail Order Sales Private Limited, an Indian Company, of 10th Floor, 15 Mathew Road, Bombay-400 004, Maharashtra, India. "Lock for automobiles". May 14, 1976.
- Class 1. No. 144261. Mail Order Sales Private Limited, an Indian Company, of 10th Floor, 15 Mathew Road, Bombay-400 004, Maharashtra, India. "Clothes drier". May 14, 1976.
- Class 1. Nos. 144283 & 144287. Geep Flashlight Industries Limited, of 28, South Road, Allahabad-1, U.P., Indian, an Indian Company. "A torch". May 15, 1976.
- Class 1. 144407. Chandrakant Harilal Vora, Indian National of Shop No. 1 Round Chawl, Pydhonie, Bombay-400 003, State of Maharashtra, India. "Stove burner". June 16, 1976.
- Class 1. No. 144408. Eagle Industries of 11C, Shovabazar Street, Calcutta-5, an Indian Partnership Concern. "Wick stove". June 17, 1976.
- Class 1. No. 144417. M/s. Jeeva Industries, 59, West Masi Street, Madurai 625001, a Sole-Proprietary

Concern. Indian. "Coffee perculator". June 21, 1976.

- Class 1. No. 144443. Vrajlal Hargovind Chavda, an Indian National, of 49A, Bhaktinagar Society, Darbar Gopaldas Road, Rajkot, Gujarat State, India. "Centrifugal grinder". June 30, 1976.
- Class 1. Nos. 144450 & 144451. Cibie Projecteurs, a French Company, of 17, Rue Henri Gautier, 93012 Bobigny, France. "Headlight". July 1, 1976.
- Class 1. No. 144492. Messrs. Novelty Light House, a sole proprietary concern, of Shop No. 1, Round Chawl, Pydhonie, Bombay-400003, State of Maharashtra, India. "A pin chamber with a pin for a stove burner". July 9, 1976.
- Class 1. No. 144493. Messrs. Novelty Light House, a sole proprietary concern, of Shop No. 1, Round Chawl, Pydhonie, Bombay-400003, State of Maharashtra, India. "A pin chamber for a stove burner". July 9, 1976.
- Class 1. Nos. 144615 & 144616. Simco Industries, an Indian Partnership Firm, at Masalawala Compound, Near Dyna Craft Factory, Juhu Lane, Andheri (West), Bombay-400058, Maharashtra, India. "Ear-ring". August 11, 1976.
- Class 3. No. 144281. Geep Flashlight Industries Limited, of 28, South Road, Allahabad-1, U.P., India, an Indian Company. "A torch". May 15, 1976.
- Class 3. No. 144345. Koshade Tyres & Tubes Pvt. Ltd., a Company incorporated under the Indian Companies Act, 1956, of 12/14, Bank Street, Cross Lane Bombay-400023, Maharashtra India. "Tyre". May 31, 1976.
- Class 3. No. 144352. Speedex Automobiles, 720, Parekh Market, 39, Kennedy Bridge, Opera House, Bombay-400004, Maharashtra State, an Indian Partnership Firm. "Singal light fitting". June 3, 1976.
- Class 3. No. 144377. Chakori Art Industries, Nivetia Road, Malad (East), Bombay-400064, Maharashtra, an Indian Partnership Firm. "Socket with holder". June 14, 1976.
- Class 3. No. 144378. Tiger Hardware and Tools Limited. An Indian Company, Marris Road, Aligarh, (U. P.), India. "Toy Pistol". June 14, 1976.
- Class 3. No. 144396. Brahma Bharati Udyog, an Indian Partnership Firm, at Green House, 2nd Floor, Green Street, Fort, Bombay-400023, Maharashtra, India. "Mouth organ". June 14, 1976.
- Class 3. No. 144397. Plasto Novelties, an Indian Partnership Firm, at 44, Bamanji Lane, Near Fire Brigade, Fort, Bombay-400001, Maharashtra, India. "Pen stand with pen". June 14, 1976.
- Class 3. No. 144409. Nutan Plastic Works, No. 6, New Nandu Industrial Estate, Mahakali Caves Road, Andheri (East), Bombay-400093, Maharashtra, an Indian Partnership Firm. "Container". June 17, 1976.
- Class 3. No. 144445. Brahma Bharati Udyog, an Indian Partnership Firm, at Green House, 2nd Floor, Green Street, Fort, Bombay-400023, Maharashtra, India. "Container". June 30, 1976.
- Class 3. No. 144449. Parsram Tikamdas Mansey, an Indian National, of H-18, Gita Society, 10, Synagogue Street, Poona-411001, Maharashtra State, India. "Cockroach trapper". July 1, 1976.
- Class 3. No. 144467. Laxmishankar Tulsidas Purohit, an Indian Citizen, at Anant Building, 2nd Floor, 217, Princess Street, Bombay-400002, Maharashtra, India. "Siphon pump". July 3, 1976.

- Class 3. No. 144472. Rajpal Plastic Industries, 303, Neelkanth, 98, Marine Drive, Bombay-400002, Maharashtra, India, an Indian Partnership Firm. "Hair brush". July 5, 1976.
- Class 3. No. 144505. Technoplast International 14, Old Madras Road, Ulsoor, Bangalore-8, Karnataka State, an Indian Partnership Concern. "Carrier for vehicles". July 12, 1976.
- Class 3. Nos. 144511 to 144513. Kemco Chemicals, 48B, Mukhtaram Babu Street, Calcutta-700007, West Bengal, an Indian Partnership Firm, "Container", July 13, 1976.
- Class 3. No. 144515. Trinity Products, Acme Estate, D-3 & 4, 3rd Floor, Sewree (East), Bombay-400015, Maharashtra State India, an Indian Proprietary concern. "Brush". July 14, 1976.
- Class 3. Nos. 144518 to 144525. Ramkrishna Parvatiprasad Lokagariwar, 61/49, "Nalini", Karve Road, Poona-411004, Maharashtra State, India, 'A' subject of the Republic of India. "A toy". July 14, 1976.
- Class 3. Nos. 144533 to 144534. Tetra Pak International AB, of Fack S-22101, Lund 1, Sweden, a Swedish Company, "A container". July 19, 1976.

COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS

Design Nos. 138816, 139228, 139240, 139241, 139262, 140270 —Class 1.

Design Nos. 139263, 139847, 139887, 140385, 139803 —Class 3.

Design No. 139211 —Class 5.

COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design No. 130235—Class 1.

Design Nos. 123956, 129749, 129750, 130236, 130237, 130933, 139803—Class 3.

Design No. 130238—Class 4.

Design Nos. 130556 & 131488—Class 11.

S. VEDARAMAN

Controller-General of Patents, Designs and Trade Marks.